

FIG. 1

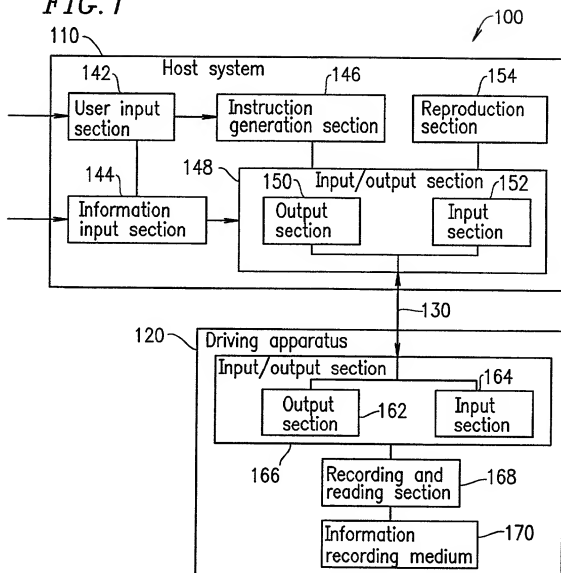
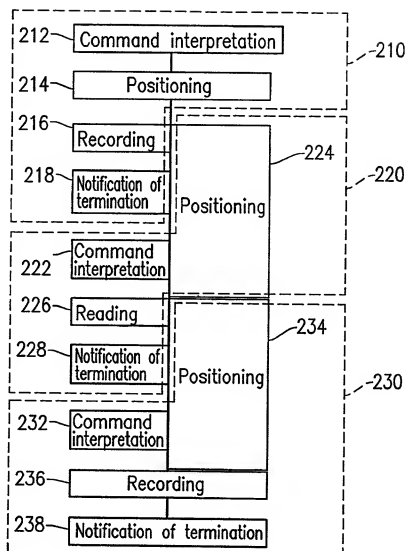
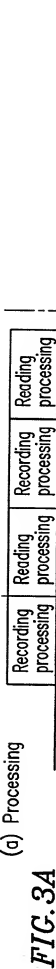


FIG. 2

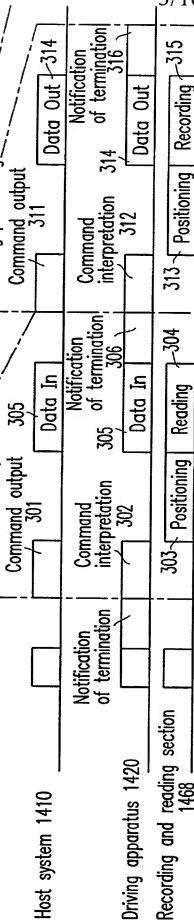
200



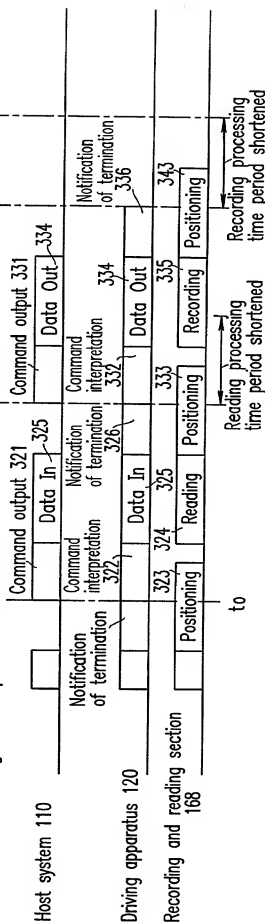
(a) Processing



(b) Conventional information recording and reproduction apparatus 1400

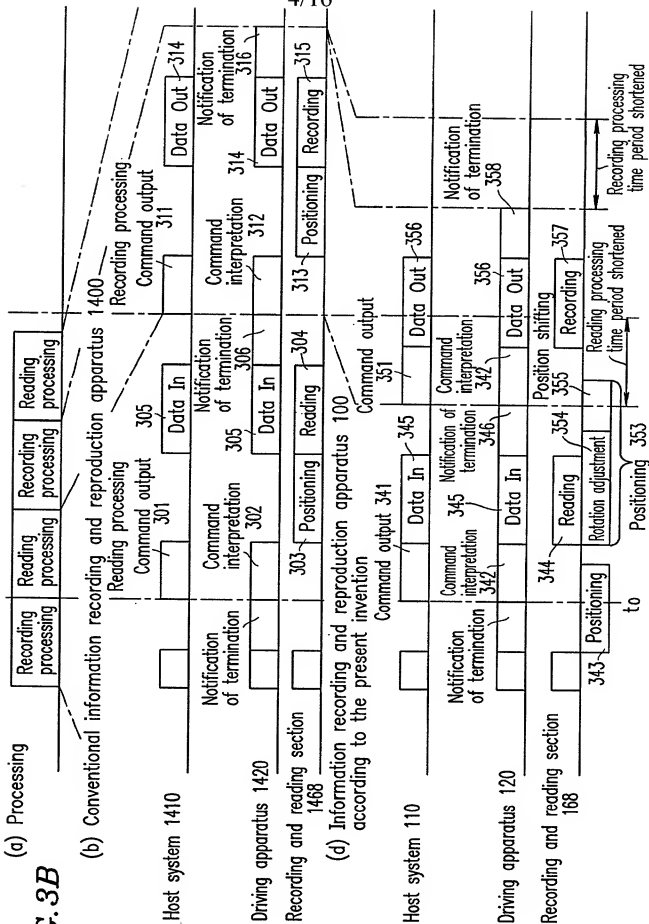


(c) Information recording and reproduction apparatus 100 according to the present invention



(a) Processing

FIG. 3B



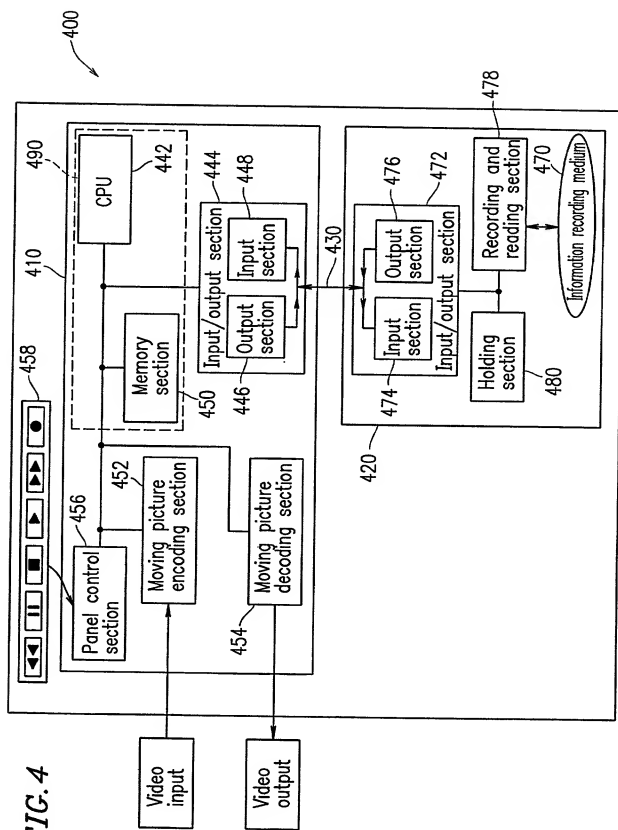
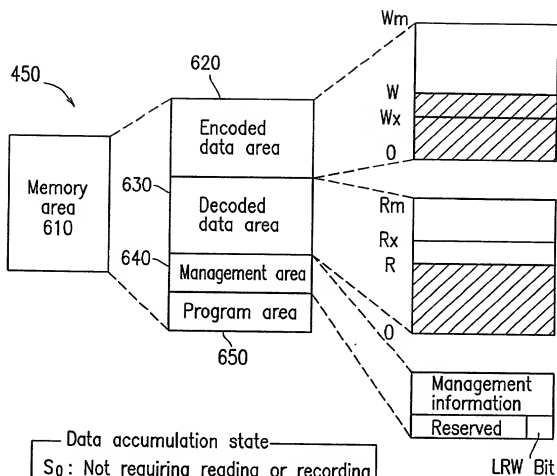


FIG. 6



Data accumulation state—

S_0 : Not requiring reading or recording
 S_1 : Requiring reading
 S_2 : Requiring recording
 S_3 : Requiring reading and recording

	$R_x < R$	$R < R_x$
$W < W_x$	S_0	S_1
$W_x < W$	S_2	S_3

FIG. 7

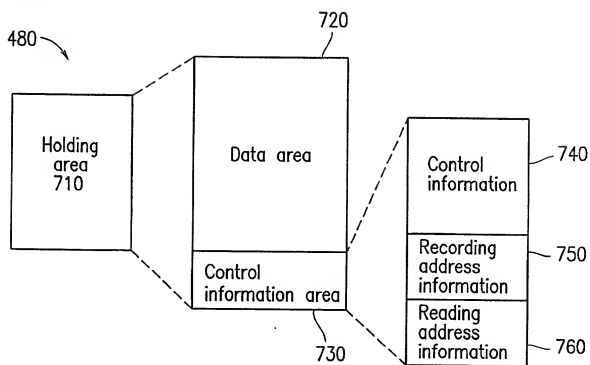


FIG. 8

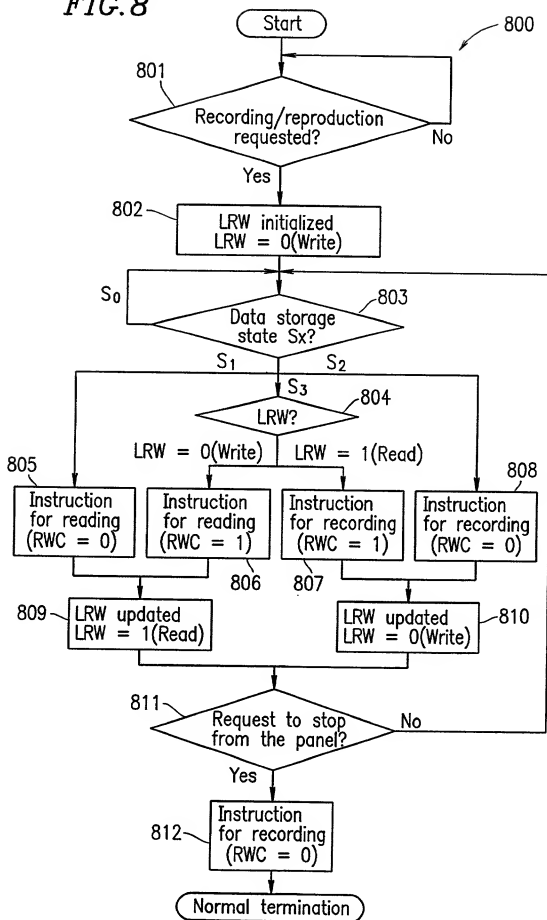


FIG. 9

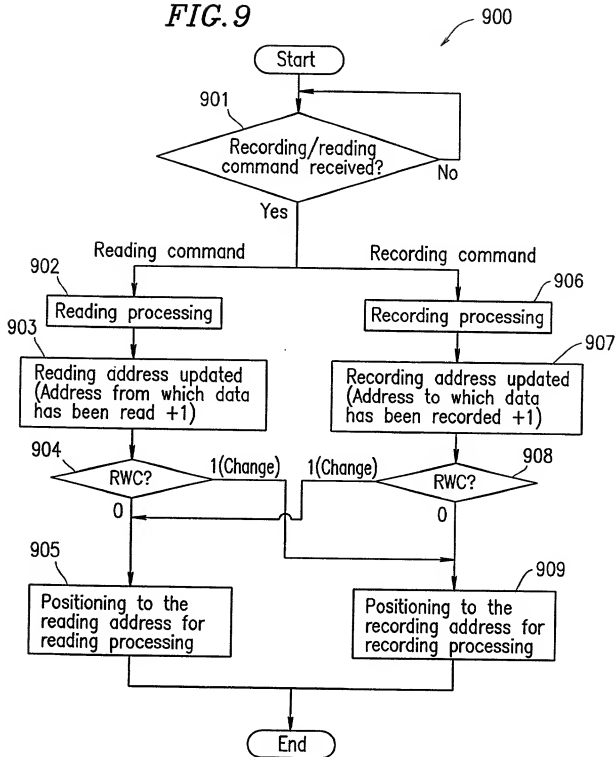


FIG. 10

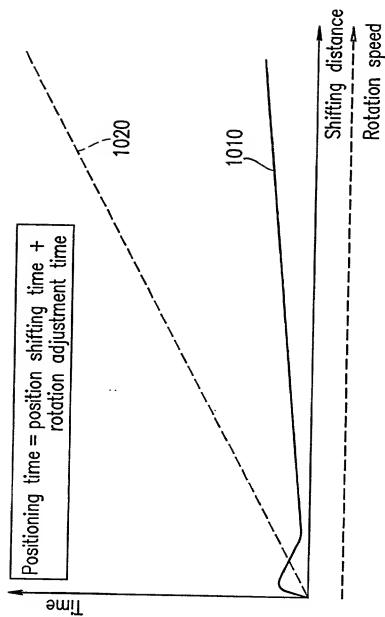


FIG. 11

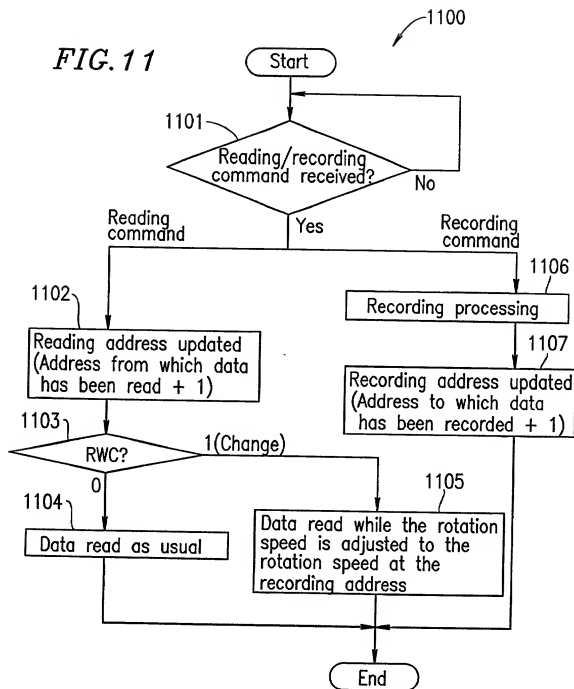


FIG. 12

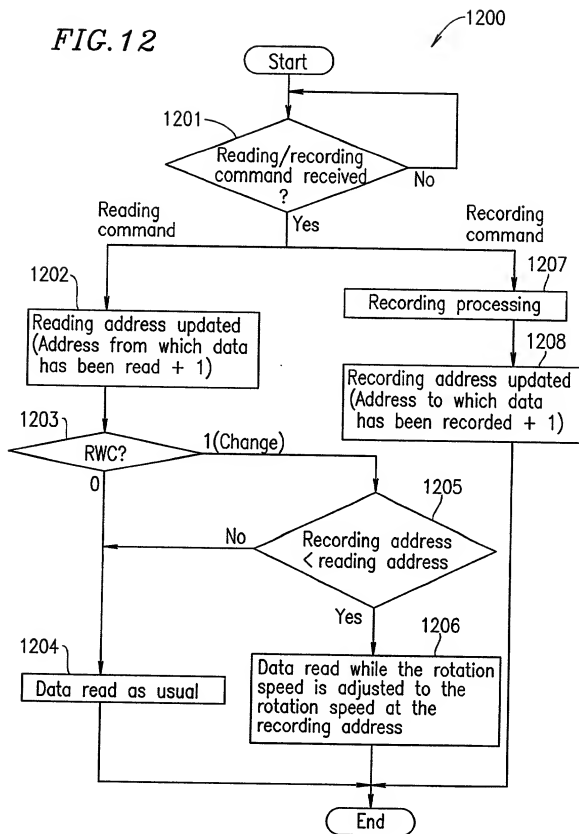


FIG. 13

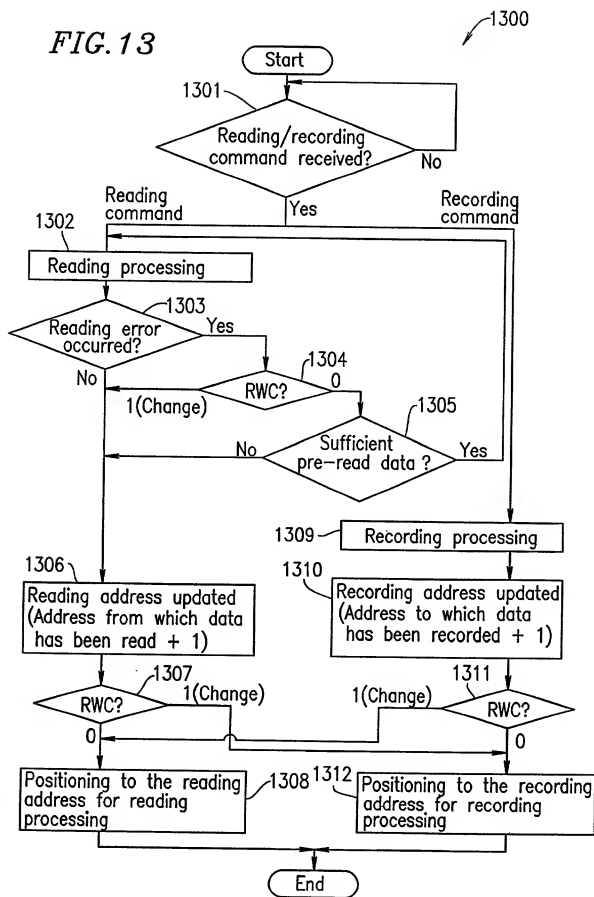


FIG. 14

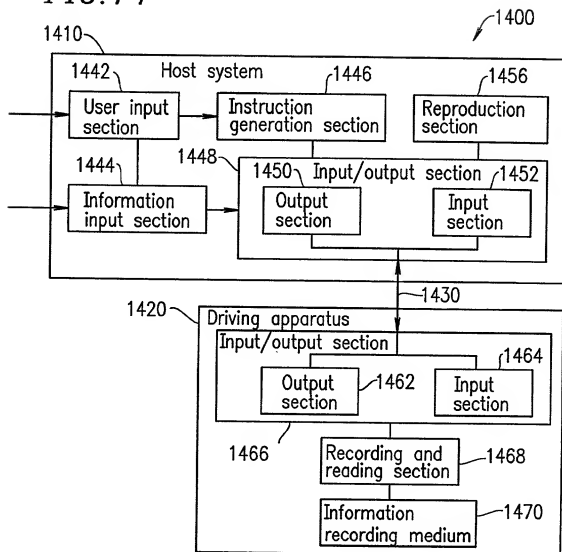


FIG. 15

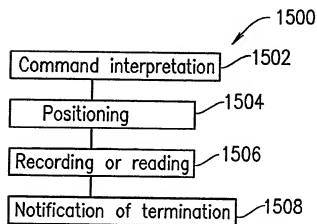


FIG. 16

